

TESTING AND QUALITY CONTROL LABORATORY

RURAL WORKS DEPARTMENT, SIWAN-1

Email ID:- aerwdtqclabsiwan1@gmail.com

Format - "A" (For Roads / Approach Roads)

1. Name of Scheme - RRSMP (GEN)
2. Name of Road - L031, C M D G PATH ST BISHUNPURA
(TRAILK-04)
3. Name of Circle - SIWAN
4. Name of Division - SIWAN-01
5. Length Of Road - 0.830 KM
6. Date of Inspection - 21/12/2025
Block - SIWAN
Actual Length - 0.830 KM
Chainage/ Location -

SL No.	Parameters	Remarks
1.	<u>Attention to Quality</u>	
I	Field Laboratory established with all necessary equipment (Attach Geo tagged Photographs)	YES
II	QC Register Part – 1 & Part – 2 Maintained and mandatory test conducted as per provisions	YES
III	Mention the name of tests conducted & their findings related to the following materials	—
(a)	Cement / Concrete	—
(b)	Sand	—
(c)	Stone	—
(d)	Steel	—
	Awarded Grade :-	
2.	<u>Geometrics</u>	
I	Chainage (m)	200M, 650M
II	Roadway Width (m)	6M
III	Carriageway Width (m)	3.75M, 3.75M
IV	Carriageway Camber (%)	2.00%, 3.50%
V	Shoulder Width (m)	ON GOING
VI	Shoulder Camber (%)	ON GOING
VII	Side Slope (V:H)	N/A
VIII	Super Elevation (%)/ Widening (m)	N/A
	Awarded Grade :-	<u>Satisfactory</u>

3.	<u>Earth Work and Sub Grade</u>	N/A
I	Chainage (m)	—
II	Soil Idendification / Classification	—
III	Degree of Compaction (%)	—
	Awarded Grade :-	—
4.	<u>Sub-Base</u>	N/A
I	Chainage (m)	—
II	Thicknessnof the layer (mm)	—
III	Gradation of Sub-base material	—
IV	Plasticity of sub base material	—
V	Compaction of sub base layer (%)	—
	Awarded Grade :-	—
5.	<u>Base Coarse-Water Bound Macadam (WMM/WBM)</u>	N/A
I	Chainage (m)	—
II	Thickness of each layer of WMM/WBM (mm)	—
III	Plasticity of Crushable Aggregate	—
IV	Volume of filler material (%)	—
V	Gradation of Coarse Aggregate	—
	Awarded Grade :-	—
6.	<u>Bituminous Base Coarse (BM)</u>	N/A
I	Chainage (m)	—
II	% of Bitumen Content	—
III	Thickness of Bituminous layer	—
IV	Grading of Coarse Aggregate	—
	Awarded Grade :-	—

7.	<u>Bituminous Layer-Premix Carpet (PMC)/MSS/SDBC</u>	SDBC
I	Chainage (m)	650M
II	% of Bituminous Content	4.47%
III	Thickness of Bituminous layer	25 MM
IV	Grading of Coarse Aggregate	Gr-II
V	Quality of wearing surface (Attach the test report of IRI)	—
	Awarded Grade :-	Satisfactory
8.	<u>Dry lean Cement Concrete</u>	N/A
I	Chainage (m)	—
II	Thickness (mm)	—
III	Compressive Strength of CC in Concrete Pavement / Concrete Block	—
	Awarded Grade :-	—
9.	<u>CC/POC/Panel Concrete Pavements</u>	PQC
I	Chainage (m)	200M
II	Thickness of pavement (mm)	100MM
III	Width of the pavement (m)	3.75M
IV	Compressive Strength of CC in Concrete Pavement / Concrete Block <u>Cylinder</u>	28.18 N/MM ²
V	Quality of workmanship joints & Edges etc.	Satisfactory
VI	Quality of wearing surface (Attach the test report of IRI)	—
	Awarded Grade :-	Satisfactory
10.	<u>Shoulders</u>	ON GOING
I	Chainage (m)	N/A
II	Width of shoulder (m)	N/A
III	Quality of material for shoulders	N/A

IV	Degree of Compaction (%) (Attach the test report)	N/A
	Awarded Grade :-	N/A
11.	<u>Cross Drainage Works</u>	N/A
I	Chainage (m)	—
II	Type of CD Structure	—
III	Quality of material, such as concrete (Cube Test), Stone / Brick masonry, Hume pipe including size etc.	—
IV	Quality of workmanship, such as positioning of Hume pipe, Wing Walls, Cushion over hume pipe, Vent Clearance etc.	—
V	Parapet Walls	—
	Awarded Grade :-	—
12.	<u>Side Drain & Catch Water Drain</u>	N/A
I	Chainage (m)	—
II	General quality of side drain / Catch Water Drains & their integration with CD Structures	—
	Awarded Grade :-	—
13.	<u>Road Furniture & Road Markings</u>	ON GOING
I	Main information Board (As per Norms)	Satisfactory
II	Citizen Information/ Maintenance Board (As per Norms)	Satisfactory
III	Kilometer post / 200 m Stone / Precautionary / Mandatory Sign Boards	ON GOING
IV	Road Marking	ON GOING
	Awarded Grade :-	Satisfactory

Note:- * Attach Test Report
 * Attach Relevant Photographs

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 21/12/2025
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 Siwan-1

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 21/12/2025
 T.S

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RURAL WORKS DEPARTMENT, SIWAN-I Email ID:- aerwdtqclabsiwan1@gmail.com

CONCRETE CORE TEST RESULT (IS 516)

NAME OF DIVISION:- R.W.D, WORKS DIVISION-SIWAN-01, BLOCK-SISWAN

Name of Road-L031 CMDG PATH BISHUNPURA (TRACK-04)

ROAD LENGTH-0.830KM, BT-0.380 KM, CC-0.450KM

Name of Agency-M/S NARSINGH SINGH

Date of test	22-12-2025	Date of Sample:-24-12-2025		
PERTICULARS		Chainage	0.200KM	REMARK
1. Height of Core in mm			100.00	
2. Weight of Core in Gm			1722.00	
3. Dia of Core in mm			95.00	
4. Density of Concrete gm/cc			2.431	
5. Correction factor			0.90	
6. Load In KN			223.00	
7. Area of Core mm-sqr			7088 •	
8. Compressive Strength of Cylinder N/mm-square			28.18	
9. Equivalant Cube Strength. N/mm-Sqr			35.23	
10. Required Compressive Strength.			35 N/mm-square	Yes

ACCEPTABLE

Surya fse
22/12/2025

**TECHNICAL SUPERVISOR
TESTING AND QUALITY CONTROL
LABORATORY
RURAL WORKS DEPARTMENT, SIWAN-I**

Saripun Kumar
22/12/2025

22/12/2025

~~2020~~ 2025

**ASSISTANT ENGINEER
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TEST RESULT FOR BITUMEN CONTENT OF SDBC/BM/MSS/PMC/SURFACE DRESSING

TEST FOR BITUMEN CONTENT OF :- SDBC

SCHEME: RRSMP(Gen)

NAME OF DIVISION:- R.W.D, WORKS DIVISION- SIWAN-01, BLOCK:-SIWAN

ROAD NAME :- L031 CMDG PATH BISHUNPURA (TRACK-04)

NAME OF Agency-M/S NARSINGH SINGH

DATE OF TEST - 22- 12-2025
 12-2025

DATE OF SAMPLE COLLECTION :-22-

TEST FOR BITUMEN CONTENT

Sl no	Chainage	0.650KM			REMARK
1	Date Of Test	22-12-2025			
2	Wt. Of Mix in gm (A)	510			
3	Wt. Of Cleared Chips in gm (B)	487.2			
4	Wt. Bitumen in gm (A-B)	22.8			
5	% Of Bitumen W.R to Mix (A-B)/A×100	4.47			

NOTE:-

0.650 Km
 22/12/2025
 TECHNICAL SUPERVISOR
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 RURAL WORKS DEPARTMENT,
 SIWAN-1

22/12/2025
 T.S
 ASSISTANT ENGINEER
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